Patent Claims:

1. Method for the positioning and fixing of a first component (3) relative to a second component (23), in that following method steps are carried out:

   a) laying of the first and second components (3, 23) in a first receiving device (22),

   b) moving of the first receiving device (22) against a second receiving device (24) or vice versa, whereby the second receiving device (24) comprises a mounting plate (1) and a clamping device (2), which are arranged movably relative to each other, and developing of a contact pressure between the two receiving devices (22, 24) through the components (3, 23),

   c) grasping of the first component (3) by means of the clamping device (2) during the movement of the mounting plate (1) due to the contact pressure, and generation of a clamping movement for the positioning and fixing of the first component (3) by means of at least one transmission, which converts the movement of the receiving device into the clamping movement.

2. Receiving device (24) for carrying out a method according to patent claim 1, characterized in that the second receiving device (24) comprises the following component parts:

   - the mounting plate (1),

- the clamping device (2), which comprises movably supported clamping jaws (4), between which the first component (3) is clamped-in, during the developing of the contact pressure, whereby
  - the clamping device (2) is movably connected with the mounting plate (1) and
  - the clamping device (2) and the mounting plate (1) approach each other during the developing of the contact pressure, and
- the transmission, especially wedge transmission, which converts the movement between mounting plate (1) and clamping device (2) into a clamping movement of the clamping jaws (4).

3. Receiving device (24) according to patent claim 2, characterized in that the transmission comprises a formed wedge (17) on the side wall of the bowl-shaped mounting plate (1), on which at least one clamping jaw (4) moves along.

4. Receiving device (24) according to patent claim 2, characterized in that the transmission comprises a formed wedge (15) on at least one clamping jaw (4) and this formed wedge (15) is moved along on the side wall (17) of the bowl-shaped mounting plate (1) or the side wall (17) is moved along the formed wedge (15).

5. Receiving device (24) according to patent claim 2, characterized in that the transmission comprises at least

one guide pin (19) that is inserted obliquely between one clamping jaw (4) and the mounting plate (1) in an obliquely extending guide hole (20), with which the clamping jaw (4) is moved.

6. Receiving device (24) according to one of the patent claims 2 to 5, characterized in that the clamping device (2) consists of at least

- one contact plate (5), on which the component (3) to be clamped rests against,
- one clamping jaw (4), in which the component (3) is clamped, and
- one guide rail (6), on which the clamping jaw (4) moves along.

7. Receiving device (24) according to one of the patent claims 2 to 5, characterized in that the clamping device (2) consists of at least

- one guide rail (6), which forms a contact plate on which the component (3) to be clamped-in rests, and
- one clamping jaw (4) with which the plastic part (3) is clamped-in, and which moves along the guide rail (6).

8. Use for a method according to patent claim 1, characterized in that the receiving devices (22, 24) are used for vibrational friction welding, whereby the two components (3, 23) are rubbed against one another so long until the two components (3, 23) melt.

9. Use for a receiving device (24) according to patent claim 2, characterized in that the receiving device (24) is a component part of a vibrational friction welding apparatus, and the mounting plate (1) is connected with a vibration unit.

10. Use for a method according to patent claim 1, characterized in that the receiving devices (22, 24) are used for vibrational or rotational welding, whereby the two components (3, 23) are moved against each other so long until the two components (3, 23) melt.

11. Use for a receiving device (24) according to patent claim 2, characterized in that the receiving device (24) is a component part of a vibrational or rotational welding apparatus, and the mounting plate (1) is connected with a vibration or rotation unit.